

Request Jan Delaval

Access DB# 194902

# SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Sabeha Qayy Examiner #: 74141 Date: 8/13/04  
Filing #: 1616 Phone Number: 3020622 Serial Number: 091870775  
Full Name and Bldg/Room Location: 4670 Rm 4A45 Results Format Preferred (circle): PAPER DISK E-MAIL

When your search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the chemical species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or nature of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc., if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: N-Phenylamide derivative  
Inventors (please provide full names): Mark David Charles et al

Earliest Priority Filing Date: 2/6/1997 371 of PCT/600/00345 2/4/2001  
Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the corresponding serial number.

Please search for N-phenylamide derivatives of formula (I) in cl 74

Thank you

STAFF USE ONLY		Type of Search	Vendors and cost where applicable
Requester's Name	<u>Jan</u>	NA Sequence (#)	STN <u>✓</u>
Requester's Phone #	<u>22504</u>	AA Sequence (#)	Dialog
Requester's Location		Structure (#)	Questel/Orbit <u>✓</u>
Requester's Filing #	<u>8118</u>	Bibliographic	Dr Link
Requester's Serial #	<u>8118</u>	Litigation	Lexis/Nevis
Requester's Review Time		Fulltext	Sequence Systems
Requester's Fee	<u>35</u>	Patent Family	WWW/Internet
Requester's Other	<u>575</u>	Other	Other (specify)

=> fil reg

FILE 'REGISTRY' ENTERED AT 11:59:11 ON 18 AUG 2004  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 17 AUG 2004 HIGHEST RN 727974-89-2  
DICTIONARY FILE UPDATES: 17 AUG 2004 HIGHEST RN 727974-89-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

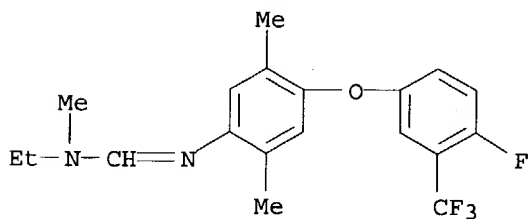
Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> d ide can tot l68

L68 ANSWER 1 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 287941-79-1 REGISTRY  
CN Methanimidamide, N-ethyl-N'-[4-[4-fluoro-3-(trifluoromethyl)phenoxy]-2,5-  
dimethylphenyl]-N-methyl- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C19 H20 F4 N2 O  
SR CA  
LC STN Files: CA, CAPLUS  
DT.CA Caplus document type: Patent  
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES  
(Uses)  
RLD.P Roles for non-specific derivatives from patents: BIOL (Biological  
study); USES (Uses)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

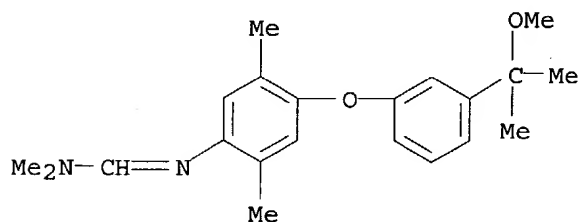
3 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 140:350532

REFERENCE 2: 138:233393

REFERENCE 3: 133:163952

L68 ANSWER 2 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 287941-78-0 REGISTRY  
 CN Methanimidamide, N'-[4-[3-(1-methoxy-1-methylethyl)phenoxy]-2,5-dimethylphenyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C21 H28 N2 O2  
 SR CA  
 LC STN Files: CA, CAPLUS  
 DT.CA Caplus document type: Patent  
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

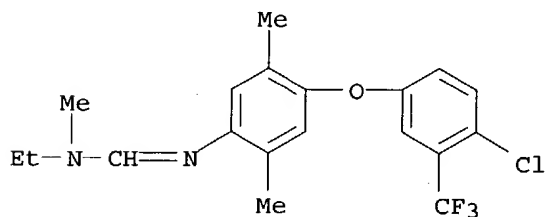


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 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 133:163952

L68 ANSWER 3 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 287941-52-0 REGISTRY  
 CN Methanimidamide, N'-[4-[4-chloro-3-(trifluoromethyl)phenoxy]-2,5-dimethylphenyl]-N-ethyl-N-methyl- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C19 H20 Cl F3 N2 O  
 CI COM  
 SR CA  
 LC STN Files: CA, CAPLUS  
 DT.CA Caplus document type: Patent  
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)  
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); USES (Uses)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

## 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 140:350532

REFERENCE 2: 138:233393

REFERENCE 3: 133:163952

L68 ANSWER 4 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN

RN 287941-50-8 REGISTRY

CN Methanimidamide, N'-[4-[4-chloro-3-(trifluoromethyl)phenoxy]-2,5-dimethylphenyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)

FS 3D CONCORD

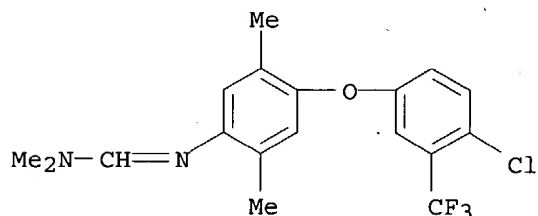
MF C18 H18 Cl F3 N2 O

SR CA

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 133:163952

L68 ANSWER 5 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN

RN 287941-14-4 REGISTRY

CN Methanimidamide, N'-[2,5-dimethyl-4-(3-phenoxyphenoxy)phenyl]-N-ethyl-N-methyl- (9CI) (CA INDEX NAME)

FS 3D CONCORD

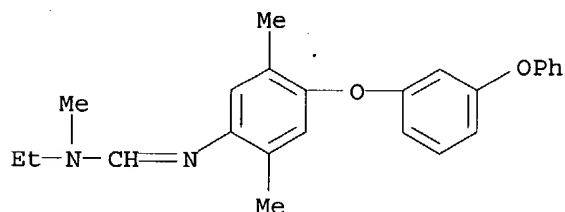
MF C24 H26 N2 O2

SR CA

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

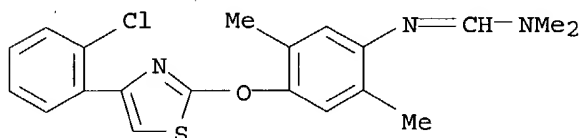


## \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 133:163952

L68 ANSWER 6 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 287940-88-9 REGISTRY  
CN Methanimidamide, N'-[4-[[4-(2-chlorophenyl)-2-thiazolyl]oxy]-2,5-dimethylphenyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C20 H20 Cl N3 O S  
SR CA  
LC STN Files: CA, CAPLUS  
DT.CA Caplus document type: Patent  
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

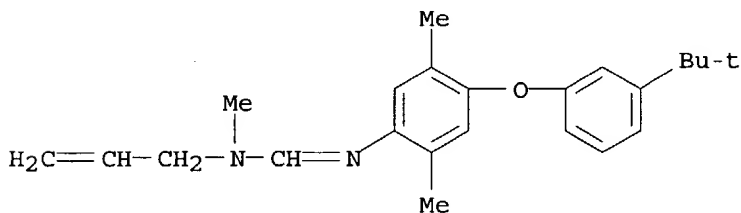


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1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 133:163952

L68 ANSWER 7 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 287940-75-4 REGISTRY  
CN Methanimidamide, N'-[4-[3-(1,1-dimethylethyl)phenoxy]-2,5-dimethylphenyl]-N-methyl-N-2-propenyl- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C23 H30 N2 O  
SR CA  
LC STN Files: CA, CAPLUS  
DT.CA Caplus document type: Patent  
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

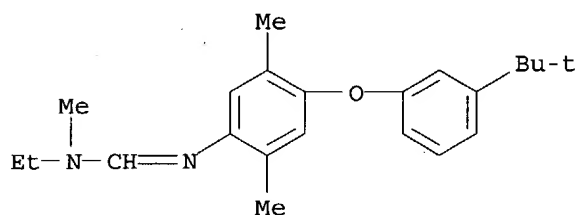


## \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 133:163952

L68 ANSWER 8 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 287938-94-7 REGISTRY  
CN Methanimidamide, N'-[4-[3-(1,1-dimethylethyl)phenoxy]-2,5-dimethylphenyl]-  
N-ethyl-N-methyl- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C22 H30 N2 O  
SR CA  
LC STN Files: CA, CAPLUS  
DT.CA Caplus document type: Patent  
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES  
(Uses)

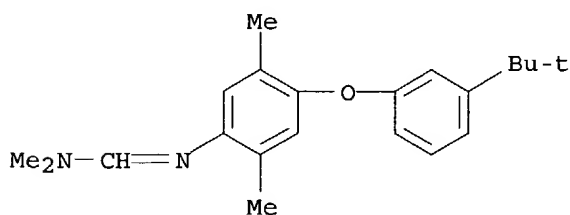


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 133:163952

L68 ANSWER 9 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 287938-06-1 REGISTRY  
CN Methanimidamide, N'-[4-[3-(1,1-dimethylethyl)phenoxy]-2,5-dimethylphenyl]-  
N,N-dimethyl- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C21 H28 N2 O  
SR CA  
LC STN Files: CA, CAPLUS  
DT.CA Caplus document type: Patent  
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES  
(Uses)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 133:163952

=> d his

(FILE 'HOME' ENTERED AT 11:11:56 ON 18 AUG 2004)  
SET COST OFF

FILE 'HCAPLUS' ENTERED AT 11:12:16 ON 18 AUG 2004

L1 1 S (GB99-2592 OR WO2000-GB345)/AP,PRN  
E CHARLES M/AU  
L2 59 S E3,E9  
L3 1 S E31  
E FRANKE WW/AU  
E FRANKE W/AU  
L4 267 S E3-E11,E25,E26  
E GREEN D/AU  
L5 356 S E3,E8-E10  
E GREEN DAVE/AU  
L6 121 S E4  
L7 147 S E16,E17,E19  
E HOUGH T/AU  
L8 23 S E3,E5,E12,E14,E15  
E MITCHELL D/AU  
L9 170 S E3,E20,E21  
E MITCHELL DALE/AU  
L10 9 S E3-E5  
E SIMPSON D/AU  
L11 130 S E3,E14  
E SIMPSON DON/AU  
L12 13 S E4,E8,E9  
E ATHERALL J/AU  
L13 3 S E4,E5  
L14 1 S L1 AND L2-L13  
SEL RN

FILE 'REGISTRY' ENTERED AT 11:15:44 ON 18 AUG 2004

L15 448 S E1-E448  
L16 STR  
L17 50 S L16  
L18 13436 S L16 FUL  
SAV TEMP L18 QAZI890/A  
L19 390 S L15 AND L18  
L20 58 S L15 NOT L19  
L21 29 S L20 AND NR>=2 AND N>=2  
L22 7 S L21 AND (C13H17N3O OR C13H15N3O3 OR C15H15FN2O OR C15H10CLN3O  
L23 22 S L21 NOT L22  
L24 29 S L20 NOT L21  
L25 412 S L19,L23  
SAV L25 QAZI890A/A  
L26 STR L16  
L27 50 S L26 SAM  
L28 STR L26  
L29 2 S L28  
L30 STR L28  
L31 0 S L30  
L32 STR L30  
L33 0 S L32  
L34 68 S L25 AND CL/ELS  
L35 5 S L34 AND NCSC2/ES  
L36 3 S L35 AND C20H20CLN3OS  
SEL RN 2  
L37 1 S E449

L38 2 S L35 NOT L36  
 L39 11 S L34 AND F/ELS  
 L40 10 S L39 AND 3/F  
 L41 1 S L40 AND C19H20CLF3N2O  
 L42 1 S L40 AND C18H18CLF3N2O  
 L43 98 S L25 AND F/ELS NOT L34  
 L44 4 S L43 AND 4/F  
 L45 1 S L44 AND C19H20F4N2O  
 L46 246 S L25 NOT L34-L45  
 L47 144 S L46 AND PHENOXY  
 L48 121 S L47 AND METHANIMIDAMIDE  
 L49 20 S L48 AND METHOXY  
 L50 11 S L49 AND 2/NR  
 L51 8 S L46 AND METHOXY AND 2/NR NOT L50  
 L52 159 S L46 AND 2/NR  
 L53 146 S L52 AND 2 5 DIMETHYL  
 L54 27 S L53 AND DIMETHYLETHYL  
 L55 3 S L54 AND C21H28N2O  
 SEL RN 3  
 L56 1 S E450  
 L57 2 S L54 AND C22H30N2O  
 SEL RN 2  
 L58 1 S E451  
 L59 22 S L54 NOT L55-L58  
 L60 1 S L59 AND C23H30N2O  
 L61 79 S L46 AND 3/NR  
 L62 73 S L61 AND 2 5 DIMETHYL  
 L63 2 S L62 AND N ETHYL  
 L64 1 S L63 AND C24H26N2O2  
 L65 40 S L53 AND METHYLETHYL  
 L66 2 S L65 AND METHOXY  
 L67 1 S L66 AND C21H28N2O2  
 L68 9 S L56, L58, L60, L37, L64, L42, L41, L67, L45  
 L69 403 S L25 NOT L68

FILE 'HCAOLD' ENTERED AT 11:55:24 ON 18 AUG 2004

L70 0 S L68  
 L71 0 S L69

FILE 'HCAPLUS' ENTERED AT 11:55:31 ON 18 AUG 2004

L72 3 S L68  
 L73 2 S L69  
 L74 1 S L1-L14 AND L72, L73  
 L75 2 S L72-L73 AND (HOECH? OR SCHERIN? OR AGR  
 L76 4 S L72-L75

FILE 'REGISTRY' ENTERED AT 11:57:40 ON 18 AUG 2004

L77 402 S L69 AND NR>=2

FILE 'HCAPLUS' ENTERED AT 11:57:48 ON 18 AUG 2004

L78 1 S L77

FILE 'REGISTRY' ENTERED AT 11:58:15 ON 18 AUG 2004

L79 1 S L69 NOT L77

FILE 'HCAPLUS' ENTERED AT 11:58:26 ON 18 AUG 2004

L80 3 S L68  
 L81 3 S L80, L78 AND L76  
 L82 2 S L81 NOT L1

FILE 'REGISTRY' ENTERED AT 11:59:11 ON 18 AUG 2004

=> fil hcaplus

*L68 / L77 are  
 from applicants'  
 patent -  
 only 3 rep for these  
 compounds*



FILE 'HCAPLUS' ENTERED AT 11:59:34 ON 18 AUG 2004  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
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FILE COVERS 1907 - 18 Aug 2004 VOL 141 ISS 8  
FILE LAST UPDATED: 17 Aug 2004 (20040817/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d all hitstr tot 182

L82 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2004 ACS on STN  
AN 2004:347984 HCAPLUS  
DN 140:350532  
ED Entered STN: 29 Apr 2004  
TI Antifungal medicaments comprising arylamidine derivatives  
IN Vors, Jean-Pierre; O'Neill, Elizabeth; Labourdette, Gilbert; Mansfield, Gilian; Pillmoor, John; Barchietto, Thierry  
PA Bayer Cropscience SA, Fr.  
SO Eur. Pat. Appl., 19 pp.  
CODEN: EPXXDW  
DT Patent  
LA French  
IC ICM A61K031-155  
CC 1-5 (Pharmacology)  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1413301	A1	20040428	EP 2002-356210	20021024
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
WO	2004037239	A1	20040506	WO 2003-EP13335	20031024
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRAI EP 2002-356210 A 20021024

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
EP 1413301	ICM	A61K031-155
OS	MARPAT	140:350532

AB N2-phenylamidine derivs. are used as antifungal agents. The EC50 of N-ethyl-N-methyl-N-[4-(4-chloro-3-trifluoromethylphenoxy)-2,5-dimethylphenyl]-imidoformamide against *Aspergillus fumigatus* and *Candida albicans* was 0.1, and 0.5 µg/mL, resp.

ST antifungal medicament arylamidine deriv *Aspergillus* *Candida*

IT Amines, biological studies  
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(allyl, derivs.; antifungal medicaments comprising arylamidine derivs.)

IT Nucleosides, biological studies  
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(analogs; antifungal medicaments comprising arylamidine derivs.)

IT *Aspergillus fumigatus*  
*Candida albicans*  
(antifungal medicaments comprising arylamidine derivs.)

IT Polyenes  
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(antifungal medicaments comprising arylamidine derivs.)

IT Peptides, biological studies  
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(cationic; antifungal medicaments comprising arylamidine derivs.)

IT Drug delivery systems  
(liposomes; antifungal medicaments comprising arylamidine derivs.)

IT Heterocyclic compounds  
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(nitrogen, five-membered; antifungal medicaments comprising arylamidine derivs.)

IT 100-46-9D, Benzylamine, derivs. 1397-89-3, Amphotericin B 1400-61-9, Nystatin 2022-85-7, Flucytosine 2398-96-1, Tolnaftate 11076-17-8D, Sordarin, derivs. 19045-66-0D, Thiocarbamic acid, derivs. 22916-47-8, Miconazole 22976-87-0, Polyoxine 23593-75-1, Clotrimazole 27220-47-9, Econazole 59456-70-1, Nikkomycin z 60628-96-8, Bifonazole 61318-90-9, Sulconazole 64211-45-6, Oxiconazole 64872-76-0, Butoconazole 65277-42-1, Ketoconazole 65472-88-0, Naftifine 65899-73-2, Tioconazole 67915-31-5, Terconazole 72479-26-6, Fenticonazole 77368-59-3, Nikkomycin J 77368-61-7, Nikkomycine 79404-91-4, Cilofungin 84625-61-6, Itraconazole 84697-21-2, Zinoconazole 86386-73-4, Fluconazole 91161-71-6, Terbinafine 101828-21-1, Butenafine 117704-65-1, Pradimicin A 120796-21-6, Nikkomycin Pseudo Z 120796-22-7, Nikkomycin Pseudo J 127785-66-4, Aureobasidine 128326-82-9, Eberconazole 137234-62-9, Voriconazole 151581-81-6, Pradimicin 162808-62-0, Caspofungin 171228-49-2, Posaconazole 287941-52-0 287941-79-1 681256-70-2 682350-49-8, Nikkomycin Px 682350-50-1, Nikkomycin Rz 682351-48-0, Benanomycin  
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(antifungal medicaments comprising arylamidine derivs.)

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD

RE

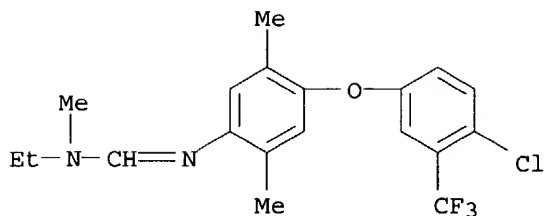
(1) Aventis Cropscience Sa; EP 1178038 A 2002 HCAPLUS

(2) Hough; WO 0046184 A 2000 HCAPLUS

IT 287941-52-0 287941-79-1  
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(antifungal medicaments comprising arylamidine derivs.)

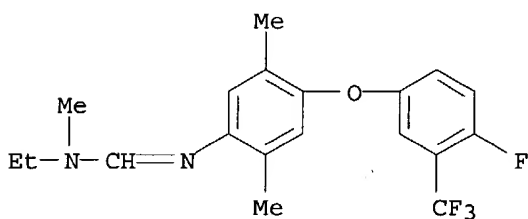
RN 287941-52-0 HCAPLUS

CN Methanimidamide, N'-[4-[4-chloro-3-(trifluoromethyl)phenoxy]-2,5-dimethylphenyl]-N-ethyl-N-methyl- (9CI) (CA INDEX NAME)



RN 287941-79-1 HCAPLUS

CN Methanimidamide, N-ethyl-N'-[4-[4-fluoro-3-(trifluoromethyl)phenoxy]-2,5-dimethylphenyl]-N-methyl- (9CI) (CA INDEX NAME)



L82 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2004 ACS on STN

AN 2003:204157 HCAPLUS

DN 138:233393

ED Entered STN: 16 Mar 2003

TI Broad-spectrum fungicidal composition comprising phenylamidine derivatives

IN Labourdette, Gilbert; Zundel, Jean Luc; Lappartient, Anne Gabrielle; Villier, Alain; O'Neill, Elizabeth; Vors, Jean Pierre; Grosjean, Cournoyer Marie Claire

PA Aventis CropScience SA, Fr.

SO Fr. Demande, 38 pp.

CODEN: FRXXBL

DT Patent

LA French

IC ICM A01N037-52

ICS A01N043-00

CC 5-2 (Agrochemical Bioregulators)

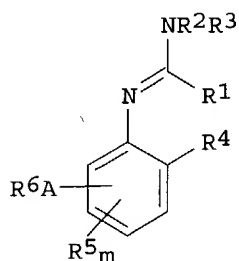
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 2829362	A1	20030314	FR 2001-11685	20010910
	FR 2829362	B1	20031107		
	WO 2003024219	A1	20030327	WO 2002-FR3049	20020909
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1424893	A1	20040609	EP 2002-777410	20020909	
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				

IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK  
 PRAI FR 2001-11685 A 20010910  
 WO 2002-FR3049 W 20020909

## CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
FR 2829362	ICM	A01N037-52
	ICS	A01N043-00
FR 2829362	ECLA	A01N037/52
OS MARPAT 138:233393		
GI		



I

- AB Broad-spectrum fungicidal compns. comprise phenylamidine derivs. I [R<sub>1</sub> = (un)substituted alkyl, alkenyl, alkynyl, etc.; R<sub>2</sub>, R<sub>3</sub> = r1, cyano, acyl, etc.; R<sub>4</sub>, R<sub>5</sub>, R<sub>6</sub> = R<sub>1</sub>, mercapto, azido, nitro etc.; m = 0, 1-3; A = bond, O, S, SO, SO<sub>2</sub>, etc.] and any of a very large number of known fungicide.
- ST fungicide compn phenylamidine deriv
- IT Fungicides  
 (broad-spectrum fungicidal compns. containing phenylamidine derivs.)
- IT Ampelomyces quisqualis  
 Bacillus subtilis  
 Fusarium oxysporum  
 Phlebiopsis gigantea  
 Streptomyces griseoviridis  
 Tar oils  
 Trichoderma harzianum  
 Trichoderma virens  
 (broad-spectrum fungicidal compns. containing phenylamidine derivs. and)
- IT Beta vulgaris saccharifera  
 Cereal (grain)  
 Fabaceae  
 Fruit tree  
 Horticulture  
 Medicago sativa  
 Nicotiana tabacum  
 Soybean (Glycine max)  
 Strawberry  
 Sunflower  
 Vitis vinifera  
 (broad-spectrum fungicidal compns. containing phenylamidine derivs. for)
- IT Oidium  
 Puccinia  
 Septoria  
 (broad-spectrum fungicidal compns. containing phenylamidine derivs. for control of)
- IT Naphthenic acids, biological studies  
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
 (copper salts, mixts. with phenylamidine derivs.; broad-spectrum

- fungicidal compns.)
- IT Turf  
(lawn; broad-spectrum fungicidal compns. containing phenylamidine derivs. for)
- IT Naphthenic acids, biological studies  
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(mixts. with phenylamidine derivs.; broad-spectrum fungicidal compns.)
- IT Embryophyta  
(ornamental plant; broad-spectrum fungicidal compns. containing phenylamidine derivs. for)
- IT Naphthenic acids, biological studies  
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(zinc salts, mixts. with phenylamidine derivs.; broad-spectrum fungicidal compns.)
- IT 501119-08-0 501119-09-1  
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(broad-spectrum fungicidal composition)
- IT 50-00-0D, Formaldehyde, mixts. with phenylamidine derivs. 62-38-4D, Phenylmercuric acetate, mixts. with phenylamidine derivs. 76-87-9D, Fentin hydroxide, mixts. with phenylamidine derivs. 82-68-8D, Quintozene, mixts. with phenylamidine derivs. 87-41-2D, Phthalide, mixts. with phenylamidine derivs. 87-86-5D, Pentachlorophenol, mixts. with phenylamidine derivs. 90-43-7D, 2-Phenylphenol, mixts. with phenylamidine derivs. 92-52-4D, Biphenyl, mixts. with phenylamidine derivs. 97-23-4D, Dichlorophen, mixts. with phenylamidine derivs. 99-30-9D, Dicloran, mixts. with phenylamidine derivs. 112-65-2D, Dodecylguanidine, mixts. with phenylamidine derivs. 112-80-1D, Oleic acid, mixts. with phenylamidine derivs. 117-18-0D, Tecnazene, mixts. with phenylamidine derivs. 118-74-1D, Hexachlorobenzene, mixts. with phenylamidine derivs. 122-39-4D, Diphenylamine, mixts. with phenylamidine derivs. 131-52-2, Sodium pentachlorophenoxide 132-27-4D, Sodium 2-Phenylphenoxide, mixts. with phenylamidine derivs. 133-06-2D, Captan, mixts. with phenylamidine derivs. 133-07-3D, Folpet, mixts. with phenylamidine derivs. 134-31-6D, 8-Hydroxyquinoline sulfate, mixts. with phenylamidine derivs. 137-26-8D, Thiram, mixts. with phenylamidine derivs. 137-30-4D, Ziram, mixts. with phenylamidine derivs. 137-42-8D, Metam sodium, mixts. with phenylamidine derivs. 142-59-6D, Nabam, mixts. with phenylamidine derivs. 144-54-7D, Metam, mixts. with phenylamidine derivs. 148-79-8D, Thiabendazole, mixts. with phenylamidine derivs. 533-74-4D, Dazomet, mixts. with phenylamidine derivs. 556-61-6D, Methyl isothiocyanate, mixts. with phenylamidine derivs. 731-27-1D, Tolyfluanid, mixts. with phenylamidine derivs. 900-95-8D, Fentin acetate, mixts. with phenylamidine derivs. 973-21-7D, Dinobuton, mixts. with phenylamidine derivs. 1085-98-9D, Dichlofluanid, mixts. with phenylamidine derivs. 1303-96-4D, Borax, mixts. with phenylamidine derivs. 1317-39-1D, Copper(I) oxide, mixts. with phenylamidine derivs. 1332-40-7D, Copper oxychloride, mixts. with phenylamidine derivs. 1344-81-6D, Calcium polysulfide, mixts. with phenylamidine derivs. 1593-77-7D, Dodemorph, mixts. with phenylamidine derivs. 1897-45-6D, Chlorothalonil, mixts. with phenylamidine derivs. 2079-00-7D, Blastocidin-S, mixts. with phenylamidine derivs. 2425-06-1D, Captafol, mixts. with phenylamidine derivs. 2439-01-2D, mixts. with phenylamidine derivs. 2439-10-3D, Dodine, mixts. with phenylamidine derivs. 2593-15-9D, Etridiazole, mixts. with phenylamidine derivs. 3347-22-6D, Dithianon, mixts. with phenylamidine derivs. 3478-94-2D, Piperalin, mixts. with phenylamidine derivs. 3772-94-9D, Pentachlorophenyl laurate, mixts. with phenylamidine derivs. 3878-19-1D, Fuberidazole, mixts. with phenylamidine derivs. 5221-53-4D, Dimethirimol, mixts. with phenylamidine derivs. 5234-68-4D, Carboxine, mixts. with phenylamidine derivs. 5259-88-1D, Oxycarboxin, mixts. with phenylamidine derivs. 6980-18-3D, Kasugamycin, mixts. with phenylamidine derivs. 7345-69-9D, GY 81, mixts. with phenylamidine derivs. 7487-94-7D, Mercury(II) chloride, mixts. with phenylamidine derivs. 7546-30-7D, Mercurous

chloride, mixts. with phenylamidine derivs. 7664-38-2D, Phosphoric acid, mixts. with phenylamidine derivs. 7681-93-8D, Natamycin, mixts. with phenylamidine derivs. 7704-34-9D, Sulfur, mixts. with phenylamidine derivs. 7758-98-7D, Copper sulfate, mixts. with phenylamidine derivs. 8011-63-0D, Bordeaux mixt, mixts. with phenylamidine derivs. 8018-01-7D, Mancozeb, mixts. with phenylamidine derivs. 9006-42-2D, Metiram, mixts. with phenylamidine derivs. 10004-44-1D, Hymexazole, mixts. with phenylamidine derivs. 10380-28-6D, Oxine copper, mixts. with phenylamidine derivs. 10405-27-3D, Fluorimide, mixts. with phenylamidine derivs. 10552-74-6D, Nitrothal-isopropyl, mixts. with phenylamidine derivs. 10605-21-7D, Carbendazime, mixts. with phenylamidine derivs. 12071-83-9D, Propineb, mixts. with phenylamidine derivs. 12122-67-7D, Zineb, mixts. with phenylamidine derivs. 12427-38-2D, Maneb, mixts. with phenylamidine derivs. 13457-18-6D, Pyrazophos, mixts. with phenylamidine derivs. 13516-27-3D, Iminoctadine, mixts. with phenylamidine derivs. 13952-84-6D, sec-Butylamine, mixts. with phenylamidine derivs. 14484-64-1D, Ferbam, mixts. with phenylamidine derivs. 14534-95-3D, Potassium hydroxyquinoline sulfate, mixts. with phenylamidine derivs. 15521-65-0D, Nickel bis(dimethyldithiocarbamate), mixts. with phenylamidine derivs. 15845-66-6D, Fosetyl, mixts. with phenylamidine derivs. 17109-49-8D, Edifenphos, mixts. with phenylamidine derivs. 17804-35-2D, Benomyl, mixts. with phenylamidine derivs. 19396-06-6D, Polyoxin b, mixts. with phenylamidine derivs. 19408-46-9D, Kasugamycin hydrochloride, mixts. with phenylamidine derivs. 20427-59-2D, Copper hydroxide, mixts. with phenylamidine derivs. 21908-53-2D, Mercury(II) oxide, mixts. with phenylamidine derivs. 22976-86-9D, Polyoxorim, mixts. with phenylamidine derivs. 23564-05-8D, Thiophanate methyl, mixts. with phenylamidine derivs. 23564-06-9D, Thiophanate, mixts. with phenylamidine derivs. 23947-60-6D, Ethirimol, mixts. with phenylamidine derivs. 24579-73-5D, Propamocarb, mixts. with phenylamidine derivs. 24691-80-3D, Fenfuram, mixts. with phenylamidine derivs. 25606-41-1D, Propamocarb hydrochloride, mixts. with phenylamidine derivs. 26087-47-8D, Iprobenfos, mixts. with phenylamidine derivs. 26530-20-1D, Octhilinone, mixts. with phenylamidine derivs. 26644-46-2D, Triforin, mixts. with phenylamidine derivs. 27605-76-1D, Probenazole, mixts. with phenylamidine derivs. 31717-87-0D, Dodemorph acetate, mixts. with phenylamidine derivs. 32809-16-8D, Procymidone, mixts. with phenylamidine derivs. 35554-44-0D, Imazalil, mixts. with phenylamidine derivs. 36734-19-7D, Iprodione, mixts. with phenylamidine derivs. 39148-24-8D, Fosetyl aluminum, mixts. with phenylamidine derivs. 39300-45-3D, Dinocap, mixts. with phenylamidine derivs. 41483-43-6D, Bupirimate, mixts. with phenylamidine derivs. 41814-78-2D, Tricyclazole, mixts. with phenylamidine derivs. 43121-43-3D, Triadimefon, mixts. with phenylamidine derivs. 43222-48-6D, Difenzoquat methylsulfate, mixts. with phenylamidine derivs. 49866-87-7D, Difenzoquat, mixts. with phenylamidine derivs. 50471-44-8D, Vinclozolin, mixts. with phenylamidine derivs. 50512-35-1D, Isoprothiolane, mixts. with phenylamidine derivs. 50642-14-3D, Validamycin, mixts. with phenylamidine derivs. 53112-28-0D, Pyrimethanil, mixts. with phenylamidine derivs. 53988-93-5D, Mancopper, mixts. with phenylamidine derivs. 55179-31-2D, Bitertanol, mixts. with phenylamidine derivs. 55219-65-3D, Triadimenol, mixts. with phenylamidine derivs. 55814-41-0D, Mepronil, mixts. with phenylamidine derivs. 57018-04-9D, Tolclofos methyl, mixts. with phenylamidine derivs. 57369-32-1D, Pyroquilone, mixts. with phenylamidine derivs. 57520-17-9D, Iminoctadine triacetate, mixts. with phenylamidine derivs. 57646-30-7D, Furalaxyl, mixts. with phenylamidine derivs. 57837-19-1D, Metalaxyl, mixts. with phenylamidine derivs. 57966-95-7D, Cymoxanil, mixts. with phenylamidine derivs. 58594-72-2D, Imazalil sulfate, mixts. with phenylamidine derivs. 58810-48-3D, Ofurace, mixts. with phenylamidine derivs. 60168-88-9D, Fenarimol, mixts. with phenylamidine derivs. 60207-31-0D, Azaconazole, mixts. with phenylamidine derivs. 60207-90-1D, Propiconazole, mixts. with phenylamidine derivs. 62732-91-6D, Debacarb, mixts. with

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phenylamidine derivs. 147150-35-4D, Cloransulam methyl, mixts. with  
 phenylamidine derivs. 149508-90-7D, Simeconazole, mixts. with  
 phenylamidine derivs. 154025-04-4D, Flumetover, mixts. with  
 phenylamidine derivs. 156052-68-5D, Zoxamide, mixts. with phenylamidine  
 derivs. 161326-34-7D, Fenamidone, mixts. with phenylamidine derivs.  
 162650-77-3D, Ethaboxam, mixts. with phenylamidine derivs. 169202-06-6D,  
 Iminoctadine tris(albesilate), mixts. with phenylamidine derivs.  
 175013-18-0D, Pyraclostrobin, mixts. with phenylamidine derivs.  
 175217-20-6D, MON 65500, mixts. with phenylamidine derivs.  
**287941-52-0D**, mixts. containing **287941-79-1D**, mixts. containing  
 413615-35-7D, Benthiavalicarb, mixts. with phenylamidine derivs.  
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
 (broad-spectrum fungicidal compns.)

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD

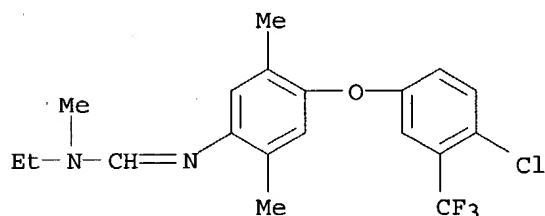
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(1) Hoechst Schering Agrevo Gmbh; WO 0046184 A 2000 HCAPLUS

IT **287941-52-0D**, mixts. containing **287941-79-1D**, mixts. containing  
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
 (broad-spectrum fungicidal compns.)

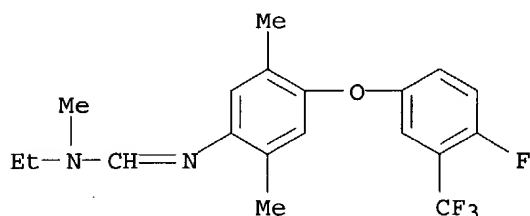
RN 287941-52-0 HCAPLUS

CN Methanimidamide, N'-[4-[4-chloro-3-(trifluoromethyl)phenoxy]-2,5-  
 dimethylphenyl]-N-ethyl-N-methyl- (9CI) (CA INDEX NAME)



RN 287941-79-1 HCAPLUS

CN Methanimidamide, N-ethyl-N'-[4-[4-fluoro-3-(trifluoromethyl)phenoxy]-2,5-  
 dimethylphenyl]-N-methyl- (9CI) (CA INDEX NAME)



=> s 181 not 182

L83 1 L81 NOT L82

=> d all fhitstr

L83 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2004 ACS on STN

AN 2000:553541 HCAPLUS

DN 133:163952

ED Entered STN: 11 Aug 2000

TI Preparation of N2-phenylamidines as fungicides

IN Charles, Mark David; Franke, Wilfried; Green,  
 David Eric; Hough, Thomas Lawley; Mitchell, Dale



Robert; Simpson, Donald James; Atherall, John  
Frederick

PA Hoechst Schering Agrevo G.m.b.H., Germany

SO PCT Int. Appl., 76 pp.

CODEN: PIXXD2

DT Patent

LA English

IC ICM C07C233-37

ICS C07D333-58; C07D285-00; C07D273-00; C07C251-04; A01N037-52;  
A01N043-82

CC 25-19 (Benzene, Its Derivatives, and Condensed Benzenoid Compounds)  
Section cross-reference(s): 5

FAN.CNT 1

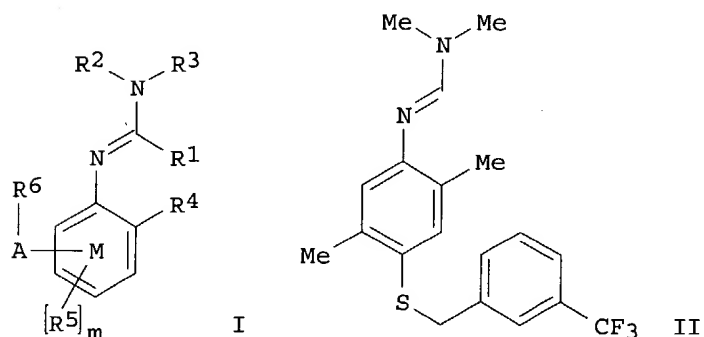
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000046184	A1	20000810	WO 2000-GB345	20000204 <--
	W: AU, BR, CA, CN, CZ, HU, IL, IN, JP, KR, MX, RU, TR, UA, US, ZA				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2360943	AA	20000810	CA 2000-2360943	20000204 <--
	EP 1150944	A1	20011107	EP 2000-901791	20000204 <--
	EP 1150944	B1	20030820		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	TR 200102237	T2	20011221	TR 2001-200102237	20000204 <--
	BR 2000009314	A	20020213	BR 2000-9314	20000204 <--
	JP 2002536354	T2	20021029	JP 2000-597256	20000204 <--
	AT 247629	E	20030915	AT 2000-901791	20000204 <--
	AU 768156	B2	20031204	AU 2000-23088	20000204 <--
	PT 1150944	T	20031231	PT 2000-901791	20000204 <--
	ES 2200816	T3	20040316	ES 2000-901791	20000204 <--
	ZA 2001005845	A	20021016	ZA 2001-5845	20010716 <--
PRAI	GB 1999-2592	A	19990206		<--
	WO 2000-GB345	W	20000204		<--

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
WO 2000046184	ICM	C07C233-37
	ICS	C07D333-58; C07D285-00; C07D273-00; C07C251-04; A01N037-52; A01N043-82

OS MARPAT 133:163952

GI



AB The title compds. [I; R1 = alkyl, alkenyl, alkynyl, etc.; R2, R3 = R1, CN, acyl, etc.; R2 and R3, or R2 and R1, together with their interconnecting atoms may form (un)substituted ring; R4 = alkyl, alkenyl, alkynyl, etc.; m = 0-3; when present R5 = R4; R6 = (un)substituted carbo- or heterocyclyl;

A = a direct bond, O, C.tplbond.C, etc.; AR6 and R5 together with benzene ring M form an (un)substituted fused ring system], useful as fungicides, were prepared E.g., a 3-step preparation of the formamidine II which showed moderate to total control against Erysiphe graminis f. sp. Tritici at 500 ppm (w/v) or less, was given.

ST phenylamidine prepn fungicide agrochem

IT Fungicides

(agrochem.; preparation of N2-phenylamidines as fungicides)

IT 287937-99-9P 287938-41-4P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of N2-phenylamidines as fungicides)

IT 287938-00-5P 287938-01-6P 287938-02-7P  
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RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of N2-phenylamidines as fungicides)

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RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of N2-phenylamidines as fungicides)

IT 85-44-9, 1,3-Isobenzofurandione 98-17-9, 3-Trifluoromethylphenol  
 122-01-0, 4-Chlorobenzoyl chloride 403-43-0, 4-Fluorobenzoyl chloride  
 617-84-5, N,N-Diethylformamide 624-78-2, Methylethylamine 3096-71-7,  
 4-Amino-2,5-dimethylphenol 3282-30-2, Pivaloyl chloride 4637-24-5  
 6393-01-7 25697-55-6 34633-69-7 72198-83-5 96784-54-2,  
 3-Methyl-4-nitrobenzonitrile 98054-21-8 287942-23-8 287942-24-9  
 287942-25-0 287942-26-1 287942-27-2 287942-29-4 287942-30-7  
 287942-31-8 287942-32-9 287942-33-0

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of N2-phenylamidines as fungicides)

IT 287942-11-4P 287942-13-6P 287942-14-7P **287942-16-9P**  
 287942-18-1P 287942-19-2P 287942-21-6P 287942-28-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of N2-phenylamidines as fungicides)

IT 51366-39-3P 287942-17-0P 287942-20-5P 287942-22-7P

RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation of N2-phenylamidines as fungicides)

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD

RE

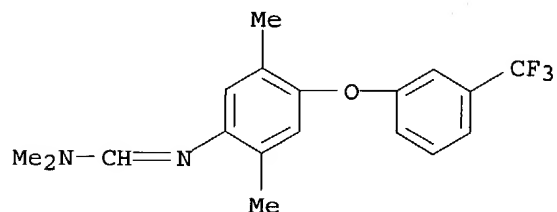
- (1) Bayer Ag; WO 9522532 A 1995 HCAPLUS
- (2) Duerr, D; US 3284289 A 1966 HCAPLUS
- (3) Duerr, D; US 4209319 A 1980 HCAPLUS
- (4) Hokko Chem Ind Co; EP 0429281 A 1991 HCAPLUS

IT **287937-99-9P**

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of N2-phenylamidines as fungicides)

RN 287937-99-9 HCAPLUS  
CN Methanimidamide, N'-[2,5-dimethyl-4-[3-(trifluoromethyl)phenoxy]phenyl]-  
N,N-dimethyl- (9CI) (CA INDEX NAME)



=> => d his 184-

(FILE 'USPATFULL, USPAT2' ENTERED AT 12:00:11 ON 18 AUG 2004)

L84 0 S L68

L85 0 S L77

=> => fil reg

FILE 'REGISTRY' ENTERED AT 12:06:26 ON 18 AUG 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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STRUCTURE FILE UPDATES: 17 AUG 2004 HIGHEST RN 727974-89-2

DICTIONARY FILE UPDATES: 17 AUG 2004 HIGHEST RN 727974-89-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

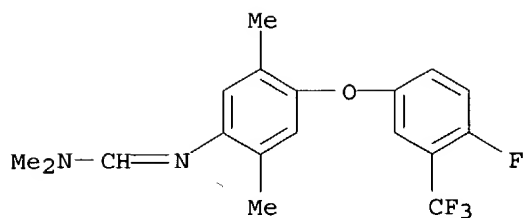
Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> d scan 177

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN

IN Methanimidamide, N'-[4-[4-fluoro-3-(trifluoromethyl)phenoxy]-2,5-  
dimethylphenyl]-N,N-dimethyl- (9CI)

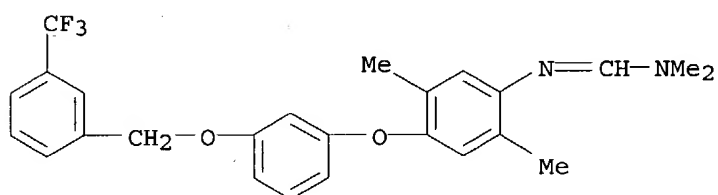
MF C18 H18 F4 N2 O



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

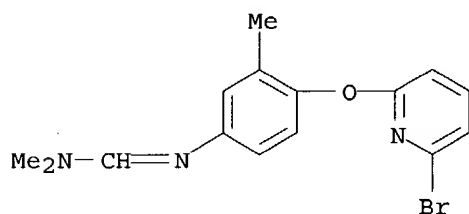
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):25

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-[2,5-dimethyl-4-[[3-[[3-(trifluoromethyl)phenyl]methoxy]phenyl]methoxy]phenyl]-N,N-dimethyl- (9CI)  
 MF C25 H25 F3 N2 O2



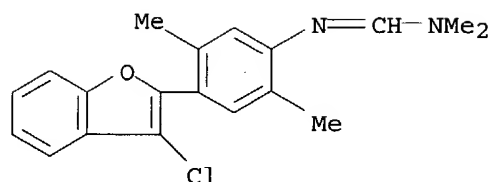
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-[4-[[6-bromo-2-pyridinyl]oxy]-3-methylphenyl]-N,N-dimethyl- (9CI)  
 MF C15 H16 Br N3 O



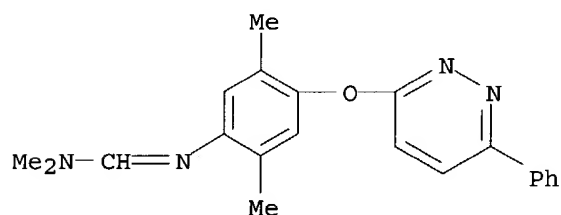
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
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 MF C19 H19 Cl N2 O



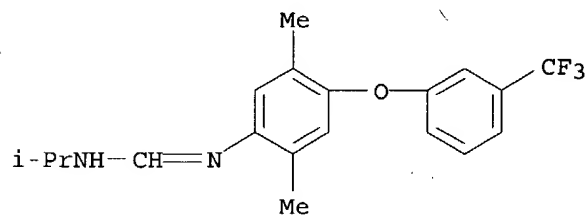
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-[2,5-dimethyl-4-[(6-phenyl-3-pyridazinyl)oxy]phenyl]-  
 N,N-dimethyl- (9CI)  
 MF C21 H22 N4 O



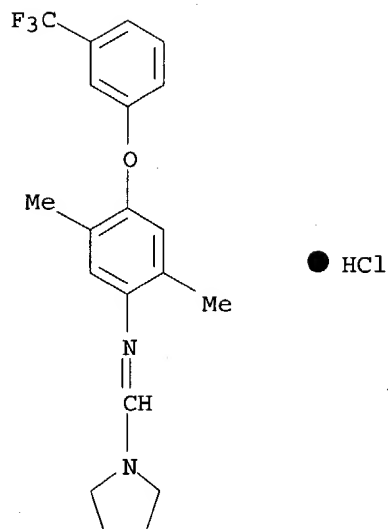
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N-[2,5-dimethyl-4-[3-(trifluoromethyl)phenoxy]phenyl]-N'-  
 (1-methylethyl)- (9CI)  
 MF C19 H21 F3 N2 O

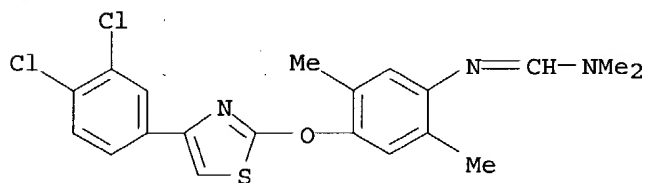


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Pyrrolidine, 1-[[[2,5-dimethyl-4-[3-(trifluoromethyl)phenoxy]phenyl]imino]  
 methyl]-, monohydrochloride (9CI)  
 MF C20 H21 F3 N2 O . Cl H

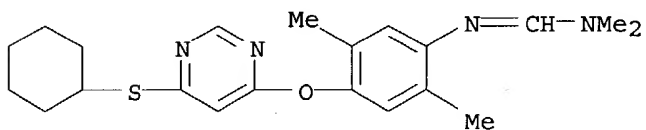


L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-[4-[[4-(3,4-dichlorophenyl)-2-thiazolyl]oxy]-2,5-  
 dimethylphenyl]-N,N-dimethyl- (9CI)  
 MF C20 H19 Cl2 N3 O S



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

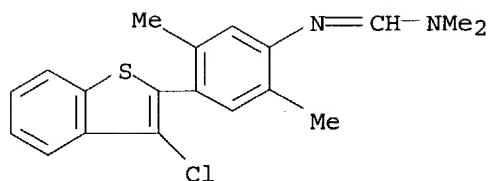
L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-[4-[[6-(cyclohexylthio)-4-pyrimidinyl]oxy]-2,5-  
 dimethylphenyl]-N,N-dimethyl- (9CI)  
 MF C21 H28 N4 O S



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

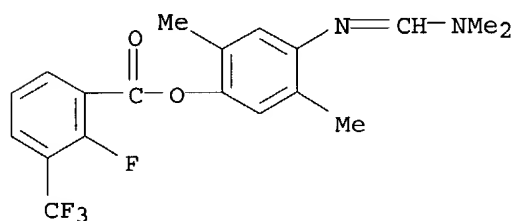
L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-[4-(3-chlorobenzo[b]thien-2-yl)]-2,5-dimethylphenyl]-  
 N,N-dimethyl- (9CI)  
 MF C19 H19 Cl N2 S





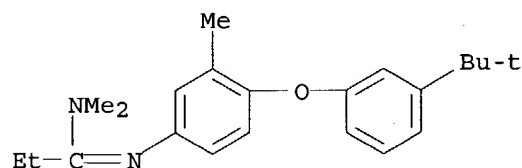
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Benzoic acid, 2-fluoro-3-(trifluoromethyl)-, 4-  
 [[(dimethylamino)methylene]amino]-2,5-dimethylphenyl ester (9CI)  
 MF C19 H18 F4 N2 O2



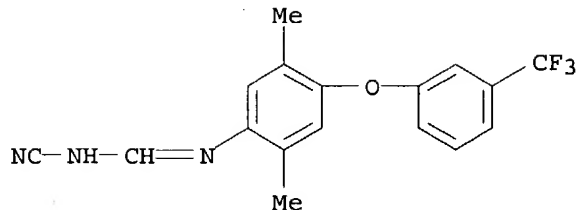
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L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Propanimidamide, N'-[4-[3-(1,1-dimethylethyl)phenoxy]-3-methylphenyl]-N,N-  
 dimethyl- (9CI)  
 MF C22 H30 N2 O



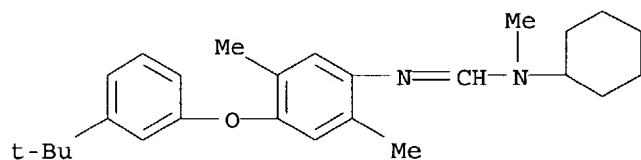
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L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N-cyano-N'-[2,5-dimethyl-4-[3-(trifluoromethyl)phenoxy]phenyl]- (9CI)  
 MF C17 H14 F3 N3 O



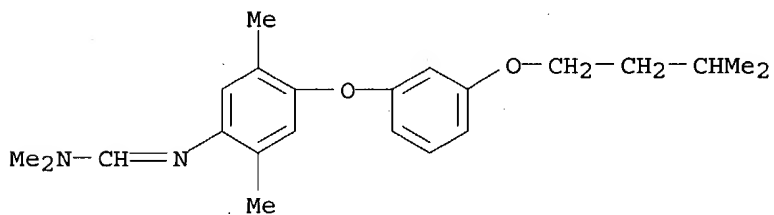
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N-cyclohexyl-N'-[4-[3-(1,1-dimethylethyl)phenoxy]-2,5-dimethylphenyl]-N-methyl- (9CI)  
 MF C26 H36 N2 O



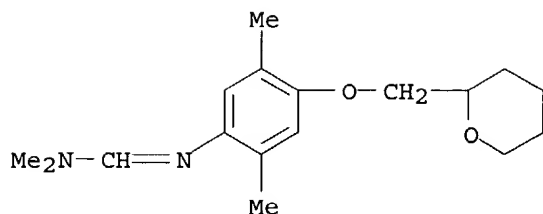
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L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
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 MF C22 H30 N2 O2



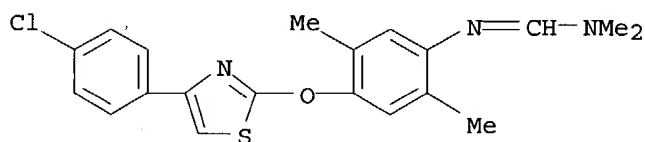
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L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
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 MF C17 H26 N2 O2



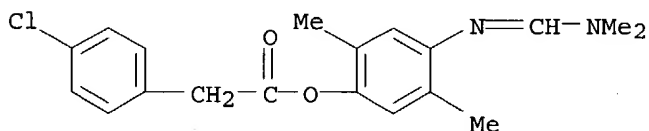
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L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-[4-[[4-(4-chlorophenyl)-2-thiazolyl]oxy]-2,5-dimethylphenyl]-N,N-dimethyl- (9CI)  
 MF C20 H20 Cl N3 O S



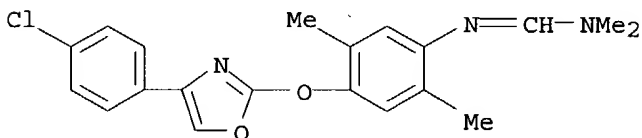
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L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Benzeneacetic acid, 4-chloro-, 4-[[[(dimethylamino)methylene]amino]-2,5-dimethylphenyl ester (9CI)  
 MF C19 H21 Cl N2 O2



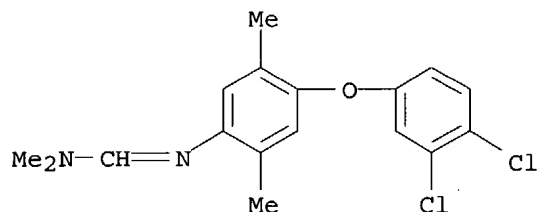
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-[4-[[4-(4-chlorophenyl)-2-oxazolyl]oxy]-2,5-dimethylphenyl]-N,N-dimethyl- (9CI)  
 MF C20 H20 Cl N3 O2



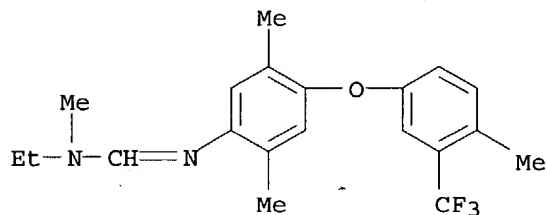
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN Methanimidamide, N'-[4-(3,4-dichlorophenoxy)-2,5-dimethylphenyl]-N,N-  
dimethyl- (9CI)  
MF C17 H18 Cl2 N2 O



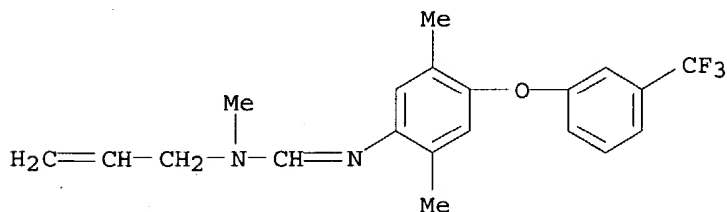
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN Methanimidamide, N'-[2,5-dimethyl-4-[4-methyl-3-(trifluoromethyl)phenoxy]phenyl]-N-ethyl-N-methyl- (9CI)  
MF C20 H23 F3 N2 O



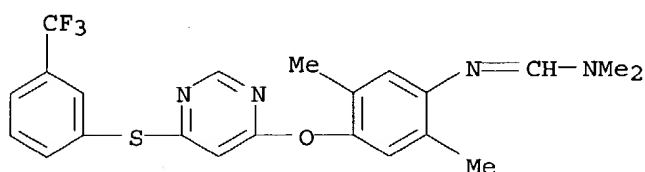
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN Methanimidamide, N'-[2,5-dimethyl-4-[3-(trifluoromethyl)phenoxy]phenyl]-N-methyl-N-2-propenyl- (9CI)  
MF C20 H21 F3 N2 O



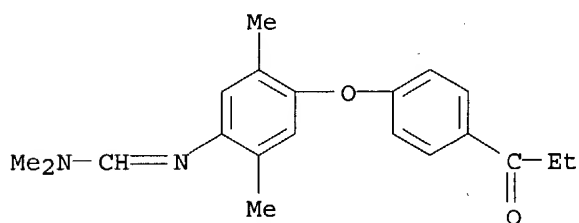
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-[2,5-dimethyl-4-[[6-[[3-(trifluoromethyl)phenyl]thio]-  
 4-pyrimidinyl]oxy]phenyl]-N,N-dimethyl- (9CI)  
 MF C22 H21 F3 N4 O S



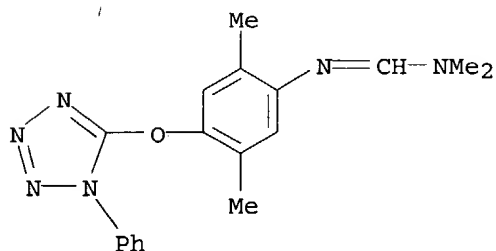
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-[2,5-dimethyl-4-[4-(1-oxopropyl)phenoxy]phenyl]-N,N-  
 dimethyl- (9CI)  
 MF C20 H24 N2 O2



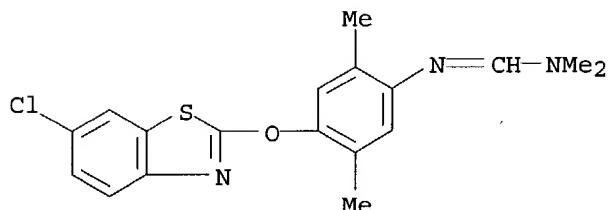
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-[2,5-dimethyl-4-[(1-phenyl-1H-tetrazol-5-  
 yl)oxy]phenyl]-N,N-dimethyl- (9CI)  
 MF C18 H20 N6 O



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-[4-[(6-chloro-2-benzothiazolyl)oxy]-2,5-  
 dimethylphenyl]-N,N-dimethyl- (9CI)  
 MF C18 H18 Cl N3 O S



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

=> => fil reg

FILE 'REGISTRY' ENTERED AT 12:25:15 ON 18 AUG 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file  
 provided by InfoChem.

STRUCTURE FILE UPDATES: 17 AUG 2004 HIGHEST RN 727974-89-2

DICTIONARY FILE UPDATES: 17 AUG 2004 HIGHEST RN 727974-89-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when  
 conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
 information enter HELP PROP at an arrow prompt in the file or refer  
 to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

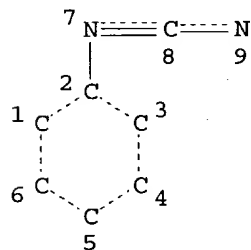
=> d sta que l93

L86 SCR 2039 OR 2127 OR 2050 OR 2049 OR 2048 OR 2053 OR 2052 O

R 2051 OR 2043 OR 2054 OR 1918

L87 SCR 1839 AND 1993

L88 STR



Structure  
 search for  
 claim 74

## NODE ATTRIBUTES:

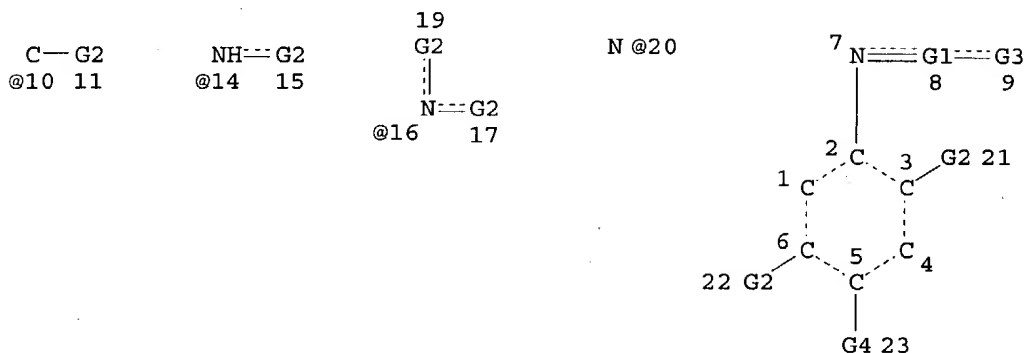
NSPEC IS RC AT 9  
 CONNECT IS E2 RC AT 7  
 DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED

## GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 9

## STEREO ATTRIBUTES: NONE

L90 342438 SEA FILE=REGISTRY SSS FUL L88 AND L87 NOT L86  
 L91 STR



O—Cy      S—Cy      N—Cy      CH—Cy      O—CH—Cy  
 @25 26      @28 27      @30 29      @32 31      @34 33 35

VAR G1=CH/10  
 VAR G2=AK/CY  
 VAR G3=NH2/14/16/20  
 VAR G4=CY/25/28/30/32/34

## NODE ATTRIBUTES:

NSPEC IS R AT 20  
 CONNECT IS E2 RC AT 7  
 DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED

## GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 31

## STEREO ATTRIBUTES: NONE

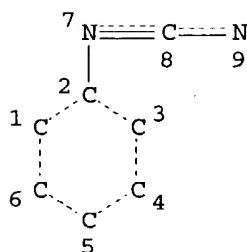
L93 325 SEA FILE=REGISTRY SUB=L90 SSS FUL L91

100.0% PROCESSED 342438 ITERATIONS  
 SEARCH TIME: 00.00.11

325 ANSWERS

=> d sta que 198

L86 SCR 2039 OR 2127 OR 2050 OR 2049 OR 2048 OR 2053 OR 2052 O  
 R 2051 OR 2043 OR 2054 OR 1918  
 L87 SCR 1839 AND 1993  
 L88 STR



## NODE ATTRIBUTES:

NSPEC IS RC AT 9  
 CONNECT IS E2 RC AT 7  
 DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED

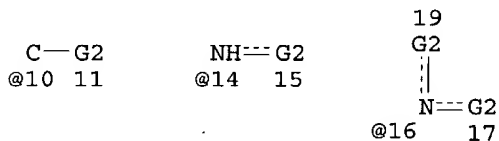
## GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 9

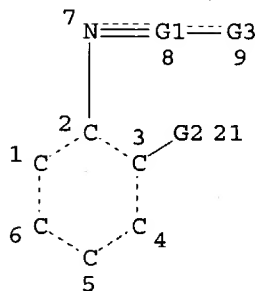
## STEREO ATTRIBUTES: NONE

L90 342438 SEA FILE=REGISTRY SSS FUL L88 AND L87 NOT L86

L96 STR



N @20



VAR G1=CH/10  
 VAR G2=AK/CY  
 VAR G3=NH2/14/16/20

## NODE ATTRIBUTES:

NSPEC IS R AT 20  
 CONNECT IS M3 R AT 5  
 CONNECT IS M3 R AT 6  
 CONNECT IS E2 RC AT 7  
 DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED

## GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 18

## STEREO ATTRIBUTES: NONE

L98 19 SEA FILE=REGISTRY SUB=L90 SSS FUL L96

100.0% PROCESSED 342438 ITERATIONS  
 SEARCH TIME: 00.00.11

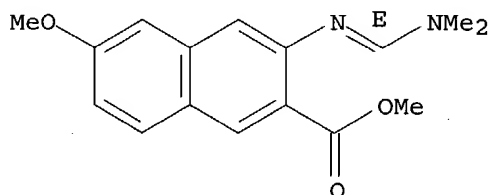
19 ANSWERS

=> d scan 198



L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN 2-Naphthalenecarboxylic acid, 3-[(E)-[(dimethylamino)methylene]amino]-6-methoxy-, methyl ester (9CI)  
 MF C16 H18 N2 O3

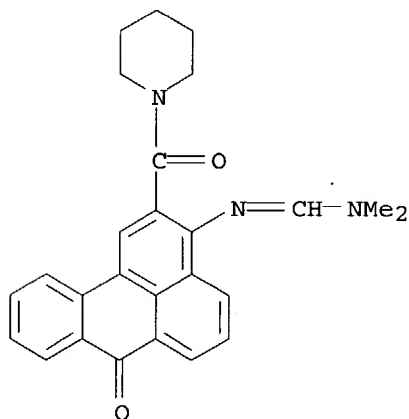
Double bond geometry as shown.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

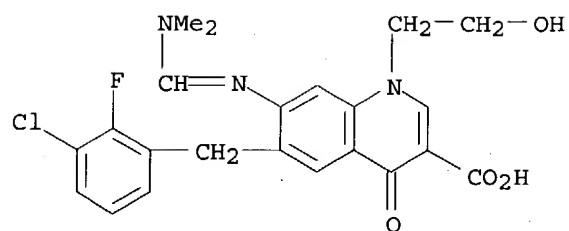
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):18

L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Piperidine, 1-[[3-[[[(dimethylamino)methylene]amino]-7-oxo-7H-benz[de]anthracen-2-yl]carbonyl]- (9CI)  
 MF C26 H25 N3 O2



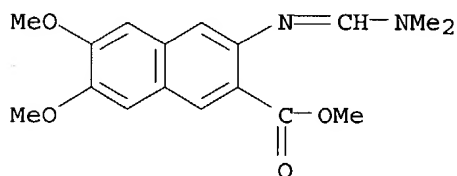
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN 3-Quinolinecarboxylic acid, 6-[(3-chloro-2-fluorophenyl)methyl]-7-[[[(dimethylamino)methylene]amino]-1,4-dihydro-1-(2-hydroxyethyl)-4-oxo- (9CI)  
 MF C22 H21 Cl F N3 O4



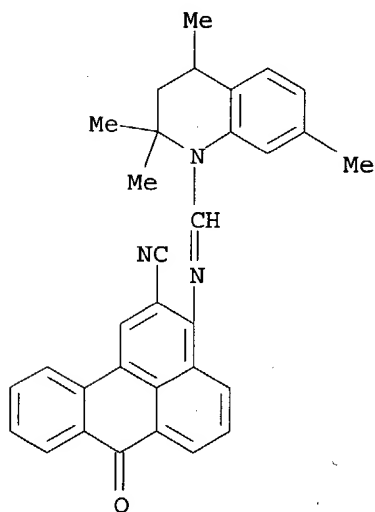
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN 2-Naphthalenecarboxylic acid, 3-[[[(dimethylamino)methylene]amino]-6,7-dimethoxy-, methyl ester (9CI)  
 MF C17 H20 N2 O4



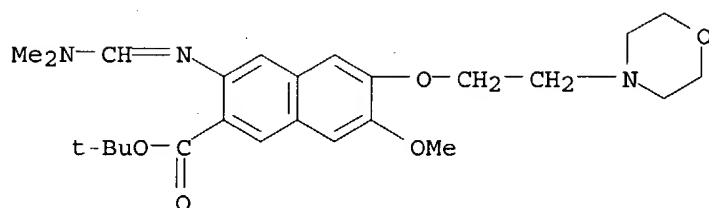
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Quinoline, 1-[[[(2-cyano-7-oxo-7H-benz[de]anthracen-3-yl)imino]methyl]-1,2,3,4-tetrahydro-2,2,4,7-tetramethyl- (9CI)  
 MF C32 H27 N3 O



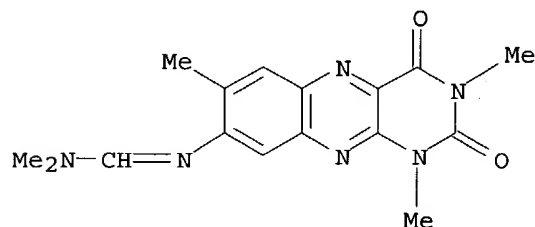
L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN 2-Naphthalenecarboxylic acid, 3-[[[(dimethylamino)methylene]amino]-7-methoxy-6-[2-(4-morpholinyl)ethoxy]-, 1,1-dimethylethyl ester (9CI)

MF C25 H35 N3 O5



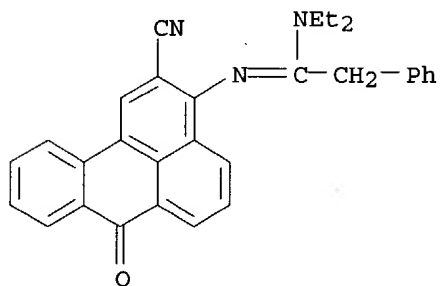
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N,N-dimethyl-N'-(1,2,3,4-tetrahydro-1,3,7-trimethyl-2,4-dioxobenzo[g]pteridin-8-yl)- (9CI)  
 MF C16 H18 N6 O2



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

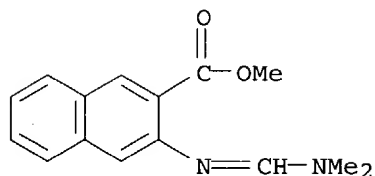
L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Benzeneethanimidamide, N'-(2-cyano-7-oxo-7H-benz[de]anthracen-3-yl)-N,N-diethyl- (9CI)  
 MF C30 H25 N3 O



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

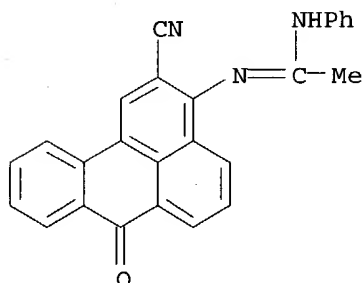
L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN 2-Naphthalenecarboxylic acid, 3-[[[(dimethylamino)methylene]amino]-, methyl

ester (9CI)  
MF C15 H16 N2 O2



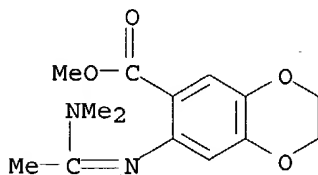
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN Ethanimidamide, N-(2-cyano-7-oxo-7H-benz[de]anthracen-3-yl)-N'-phenyl-  
(9CI)  
MF C26 H17 N3 O



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

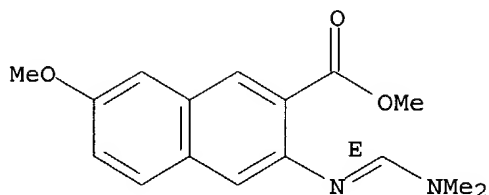
L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN 1,4-Benzodioxin-6-carboxylic acid, 7-[[1-(dimethylamino)ethylidene]amino]-  
2,3-dihydro-, methyl ester (9CI)  
MF C14 H18 N2 O4



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

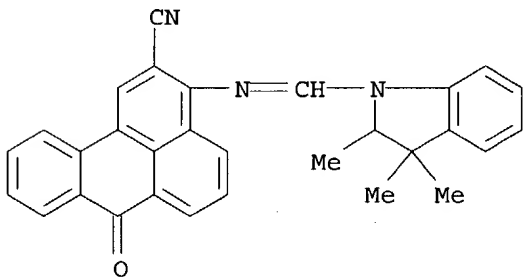
L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN 2-Naphthalenecarboxylic acid, 3-[(E)-[(dimethylamino)methylene]amino]-7-  
methoxy-, methyl ester (9CI)  
MF C16 H18 N2 O3

Double bond geometry as shown.



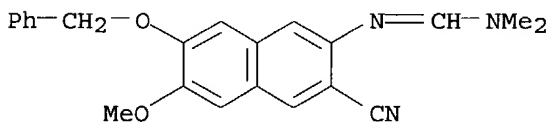
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN 1H-Indole, 1-[[[(2-cyano-7-oxo-7H-benz[de]anthracen-3-yl)imino]methyl]-2,3-dihydro-2,3,3-trimethyl- (9CI)  
 MF C30 H23 N3 O



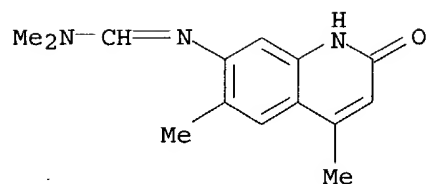
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-[3-cyano-6-methoxy-7-(phenylmethoxy)-2-naphthalenyl]-N,N-dimethyl- (9CI)  
 MF C22 H21 N3 O2



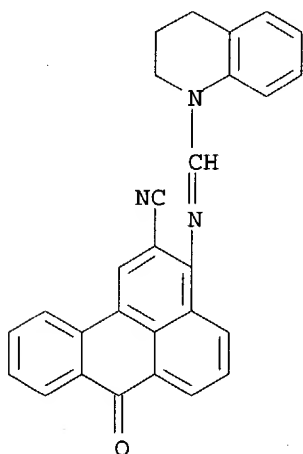
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-(1,2-dihydro-4,6-dimethyl-2-oxo-7-quinolinyl)-N,N-dimethyl- (9CI)  
 MF C14 H17 N3 O



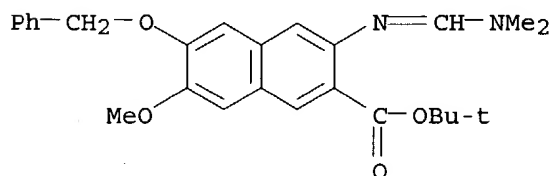
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Quinoline, 1-[[2-cyano-7-oxo-7H-benz[de]anthracen-3-yl]imino]methyl]-  
 1,2,3,4-tetrahydro- (9CI)  
 MF C28 H19 N3 O



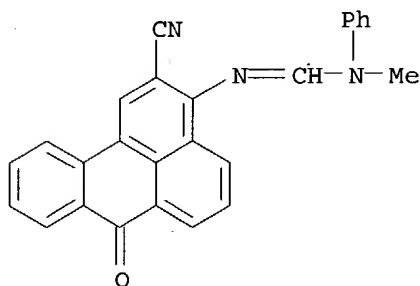
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN 2-Naphthalenecarboxylic acid, 3-[[[(dimethylamino)methylene]amino]-7-methoxy-6-(phenylmethoxy)-, 1,1-dimethylethyl ester (9CI)  
 MF C26 H30 N2 O4



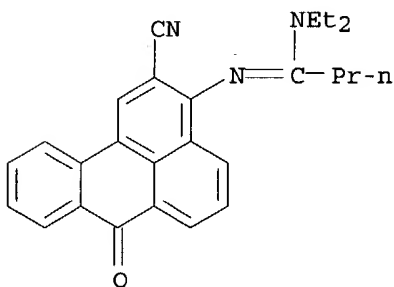
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-(2-cyano-7-oxo-7H-benz[de]anthracen-3-yl)-N-methyl-N-phenyl- (9CI)  
 MF C26 H17 N3 O



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Butanimidamide, N'-(2-cyano-7-oxo-7H-benz[de]anthracen-3-yl)-N,N-diethyl- (9CI)  
 MF C26 H25 N3 O



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

=> d his

(FILE 'HOME' ENTERED AT 11:11:56 ON 18 AUG 2004)  
 SET COST OFF

FILE 'HCAPLUS' ENTERED AT 11:12:16 ON 18 AUG 2004

L1 1 S (GB99-2592 OR WO2000-GB345)/AP, PRN  
 E CHARLES M/AU  
 L2 59 S E3, E9  
 L3 1 S E31  
 E FRANKE WW/AU  
 E FRANKE W/AU  
 L4 267 S E3-E11, E25, E26  
 E GREEN D/AU  
 L5 356 S E3, E8-E10

L6 121 S E GREEN DAVE/AU  
 L7 147 S E4  
 E HOUGH T/AU  
 L8 23 S E3,E5,E12,E14,E15  
 E MITCHELL D/AU  
 L9 170 S E3,E20,E21  
 E MITCHELL DALE/AU  
 L10 9 S E3-E5  
 E SIMPSON D/AU  
 L11 130 S E3,E14  
 E SIMPSON DON/AU  
 L12 13 S E4,E8,E9  
 E ATHERALL J/AU  
 L13 3 S E4,E5  
 L14 1 S L1 AND L2-L13  
 SEL RN

FILE 'REGISTRY' ENTERED AT 11:15:44 ON 18 AUG 2004

L15 448 S E1-E448  
 L16 STR  
 L17 50 S L16  
 L18 13436 S L16 FUL  
 SAV TEMP L18 QAZI890/A  
 L19 390 S L15 AND L18  
 L20 58 S L15 NOT L19  
 L21 29 S L20 AND NR>=2 AND N>=2  
 L22 7 S L21 AND (C13H17N3O OR C13H15N3O3 OR C15H15FN2O OR C15H10CLN3O  
 L23 22 S L21 NOT L22  
 L24 29 S L20 NOT L21  
 L25 412 S L19,L23  
 SAV L25 QAZI890A/A  
 L26 STR L16  
 L27 50 S L26 SAM  
 L28 STR L26  
 L29 2 S L28  
 L30 STR L28  
 L31 0 S L30  
 L32 STR L30  
 L33 0 S L32  
 L34 68 S L25 AND CL/ELS  
 L35 5 S L34 AND NCSC2/ES  
 L36 3 S L35 AND C20H20CLN3OS  
 SEL RN 2  
 L37 1 S E449  
 L38 2 S L35 NOT L36  
 L39 11 S L34 AND F/ELS  
 L40 10 S L39 AND 3/F  
 L41 1 S L40 AND C19H20CLF3N2O  
 L42 1 S L40 AND C18H18CLF3N2O  
 L43 98 S L25 AND F/ELS NOT L34  
 L44 4 S L43 AND 4/F  
 L45 1 S L44 AND C19H20F4N2O  
 L46 246 S L25 NOT L34-L45  
 L47 144 S L46 AND PHENOXY  
 L48 121 S L47 AND METHANIMIDAMIDE  
 L49 20 S L48 AND METHOXY  
 L50 11 S L49 AND 2/NR  
 L51 8 S L46 AND METHOXY AND 2/NR NOT L50  
 L52 159 S L46 AND 2/NR  
 L53 146 S L52 AND 2 5 DIMETHYL  
 L54 27 S L53 AND DIMETHYLETHYL  
 L55 3 S L54 AND C21H28N2O



SEL RN 3  
L56 1 S E450  
L57 2 S L54 AND C22H30N2O  
SEL RN 2  
L58 1 S E451  
L59 22 S L54 NOT L55-L58  
L60 1 S L59 AND C23H30N2O  
L61 79 S L46 AND 3/NR  
L62 73 S L61 AND 2 5 DIMETHYL  
L63 2 S L62 AND N ETHYL  
L64 1 S L63 AND C24H26N2O2  
L65 40 S L53 AND METHYLETHYL  
L66 2 S L65 AND METHOXY  
L67 1 S L66 AND C21H28N2O2  
L68 9 S L56,L58,L60,L37,L64,L42,L41,L67,L45  
L69 403 S L25 NOT L68

FILE 'HCAOLD' ENTERED AT 11:55:24 ON 18 AUG 2004

L70 0 S L68  
L71 0 S L69

FILE 'HCAPLUS' ENTERED AT 11:55:31 ON 18 AUG 2004

L72 3 S L68  
L73 2 S L69  
L74 1 S L1-L14 AND L72,L73  
L75 2 S L72-L73 AND (HOECH? OR SCHERIN? OR AGREVO? OR AVENTI?)/PA,CS  
L76 4 S L72-L75

FILE 'REGISTRY' ENTERED AT 11:57:40 ON 18 AUG 2004

L77 402 S L69 AND NR>=2

FILE 'HCAPLUS' ENTERED AT 11:57:48 ON 18 AUG 2004

L78 1 S L77

FILE 'REGISTRY' ENTERED AT 11:58:15 ON 18 AUG 2004

L79 1 S L69 NOT L77

FILE 'HCAPLUS' ENTERED AT 11:58:26 ON 18 AUG 2004

L80 3 S L68  
L81 3 S L80,L78 AND L76  
L82 2 S L81 NOT L1

FILE 'REGISTRY' ENTERED AT 11:59:11 ON 18 AUG 2004

FILE 'HCAPLUS' ENTERED AT 11:59:34 ON 18 AUG 2004

L83 1 S L81 NOT L82

FILE 'USPATFULL, USPAT2' ENTERED AT 12:00:11 ON 18 AUG 2004

L84 0 S L68  
L85 0 S L77

FILE 'REGISTRY' ENTERED AT 12:06:26 ON 18 AUG 2004

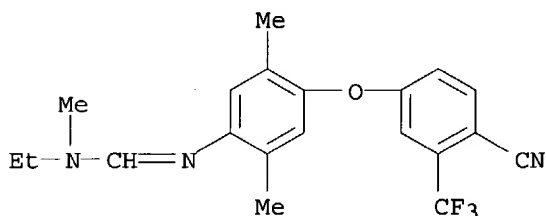
L86 SCR 2039 OR 2127 OR 2050 OR 2049 OR 2048 OR 2053 OR 2052 OR 205  
L87 SCR 1839 AND 1993  
L88 STR L26  
L89 50 S L88 AND L87 NOT L86 SAM  
L90 342438 S L88 AND L87 NOT L86 FUL  
L91 STR L30  
L92 0 S L91 SAM SUB=L90  
L93 325 S L91 FUL SUB=L90  
SAV L93 QAZI890B/A  
L94 1 S L93 NOT L68,L77  
L95 390 S L77 AND L90

L96 STR L91  
L97 0 S L96 SAM SUB=L90  
L98 19 S L96 FUL SUB=L90  
SAV L98 QAZI890C/A

FILE 'REGISTRY' ENTERED AT 12:25:15 ON 18 AUG 2004

=> d ide can l94

L94 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 681256-70-2 REGISTRY  
CN Methanimidamide, N'-[4-[4-cyano-3-(trifluoromethyl)phenoxy]-2,5-dimethylphenyl]-N-ethyl-N-methyl- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C20 H20 F3 N3 O  
SR CA  
LC STN Files: CA, CAPLUS  
DT.CA Caplus document type: Patent  
RL.P Roles from patents: BIOL (Biological study); USES (Uses)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 140:350532

=> fil hcaplus

FILE 'HCAPLUS' ENTERED AT 12:25:45 ON 18 AUG 2004  
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FILE COVERS 1907 - 18 Aug 2004 VOL 141 ISS 8  
FILE LAST UPDATED: 17 Aug 2004 (20040817/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=&gt; s 194

L99 1 L94

=&gt; d all hitstr

L99 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2004 ACS on STN

AN 2004:347984 HCAPLUS

DN 140:350532

ED Entered STN: 29 Apr 2004

TI Antifungal medicaments comprising arylamidine derivatives

IN Vors, Jean-Pierre; O'Neill, Elizabeth; Labourdette, Gilbert; Mansfield, Gilian; Pillmoor, John; Barchietto, Thierry

PA Bayer Cropscience SA, Fr.

SO Eur. Pat. Appl., 19 pp.

CODEN: EPXXDW

DT Patent

LA French

IC ICM A61K031-155

CC 1-5 (Pharmacology)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1413301	A1	20040428	EP 2002-356210	20021024
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
WO	2004037239	A1	20040506	WO 2003-EP13335	20031024
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	EP 2002-356210	A	20021024		

## CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
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EP 1413301	ICM	A61K031-155
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OS MARPAT 140:350532

AB N2-phenylamidine derivs. are used as antifungal agents. The EC50 of N-ethyl-N-methyl-N-[4-(4-chloro-3-trifluoromethylphenoxy)-2,5-dimethylphenyl]-imidoformamide against *Aspergillus fumigatus* and *Candida albicans* was 0.1, and 0.5 µg/mL, resp.

ST antifungal medicament arylamidine deriv *Aspergillus Candida*

IT Amines, biological studies

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(allyl, derivs.; antifungal medicaments comprising arylamidine derivs.)

IT Nucleosides, biological studies

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(analogs; antifungal medicaments comprising arylamidine derivs.)

IT *Aspergillus fumigatus**Candida albicans*

(antifungal medicaments comprising arylamidine derivs.)

IT Polyenes

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(antifungal medicaments comprising arylamidine derivs.)

IT Peptides, biological studies  
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL  
 (Biological study); USES (Uses)  
 (cationic; antifungal medicaments comprising arylamidine derivs.)

IT Drug delivery systems  
 (liposomes; antifungal medicaments comprising arylamidine derivs.)

IT Heterocyclic compounds  
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL  
 (Biological study); USES (Uses)  
 (nitrogen, five-membered; antifungal medicaments comprising arylamidine  
 derivs.)

IT 100-46-9D, Benzylamine, derivs. 1397-89-3, Amphotericin B 1400-61-9,  
 Nystatin 2022-85-7, Flucytosine 2398-96-1, Tolnaftate 11076-17-8D,  
 Sordarin, derivs. 19045-66-0D, Thiocarbamic acid, derivs. 22916-47-8,  
 Miconazole 22976-87-0, Polyoxine 23593-75-1, Clotrimazole  
 27220-47-9, Econazole 59456-70-1, Nikkomycin z 60628-96-8, Bifonazole  
 61318-90-9, Sulconazole 64211-45-6, Oxiconazole 64872-76-0,  
 Butoconazole 65277-42-1, Ketoconazole 65472-88-0, Naftifine  
 65899-73-2, Tioconazole 67915-31-5, Terconazole 72479-26-6,  
 Fenticonazole 77368-59-3, Nikkomycin J 77368-61-7, Nikkomycine  
 79404-91-4, Cilofungin 84625-61-6, Itraconazole 84697-21-2,  
 Zinoconazole 86386-73-4, Fluconazole 91161-71-6, Terbinafine  
 101828-21-1, Butenafine 117704-65-1, Pradimicin A 120796-21-6,  
 Nikkomycin Pseudo Z 120796-22-7, Nikkomycin Pseudo J 127785-66-4,  
 Aureobasidine 128326-82-9, Eberconazole 137234-62-9, Voriconazole  
 151581-81-6, Pradimicin 162808-62-0, Caspofungin 171228-49-2,  
 Posaconazole 287941-52-0 287941-79-1 **681256-70-2**  
 682350-49-8, Nikkomycin Px 682350-50-1, Nikkomycin Rz 682351-48-0,  
 Benanomyacin  
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL  
 (Biological study); USES (Uses)  
 (antifungal medicaments comprising arylamidine derivs.)

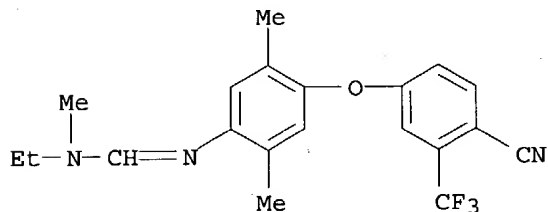
RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD

RE  
 (1) Aventis Cropscience Sa; EP 1178038 A 2002 HCAPLUS  
 (2) Hough; WO 0046184 A 2000 HCAPLUS

IT **681256-70-2**  
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL  
 (Biological study); USES (Uses)  
 (antifungal medicaments comprising arylamidine derivs.)

RN 681256-70-2 HCAPLUS

CN Methanimidamide, N'-[4-[4-cyano-3-(trifluoromethyl)phenoxy]-2,5-  
 dimethylphenyl]-N-ethyl-N-methyl- (9CI) (CA INDEX NAME)



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